INTERNATIONAL SEARCH REPORT

Internal al Application No PCT/EP2004/053216

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F04D25/04 F04D25/06									
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According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
IPC 7 F04D									
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Int	ternal, WPI Data								
C. DOCUME	NTS CONSIDERED TO BE RELEVANT								
Category *	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.						
		1.0							
X	US 5 427 508 A (KAPICH ET AL) 27 June 1995 (1995-06-27)	1,2							
Υ	the whole document	3,4							
	UC 2002/105127 A1 (MELVER RICHARD	1 ET AL	3						
Y	US 2002/185127 A1 (MELKER RICHARD 12 December 2002 (2002-12-12)	J ET AL)	J						
	the whole document								
\ ,			4						
Y	EP 1 310 677 A (BORGWARNER INC) 14 May 2003 (2003-05-14)		4						
	the whole document								
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
T later document published after the International filing date or priority date and not in conflict with the application but									
"A" document defining the general state of the art which is not cfied to understand considered to be of particular relevance			eory underlying the						
	document but published on or after the international	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to							
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other means ments, such combination being obvious to a person skilled in the art									
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Date of the actual completion of the international search Date of mailing of the international search report									
23 March 2005		13/04/2005							
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	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel (231 70) 249 2900 TV 21 5E1 000 D								
1	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Ingelbrecht, P							

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Information on patent family members

Internation Application No
PCT/EP2004/053216

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5427508	Α	27-06-1995	NONE	·	
US 2002185127	A1	12-12-2002	US AU CA EP JP WO	6000396 A 6953596 A 2229439 A1 0850083 A1 2001517960 T 9706844 A1	14-12-1999 12-03-1997 27-02-1997 01-07-1998 09-10-2001 27-02-1997
EP 1310677	A	14-05-2003	US EP	2003084888 A1 1310677 A2	08-05-2003 14-05-2003